

## 16\_33 Referenced Files Placing Wrong

### Question:

Referenced raster files show up in the wrong place and at a wrong size.

### Answer:

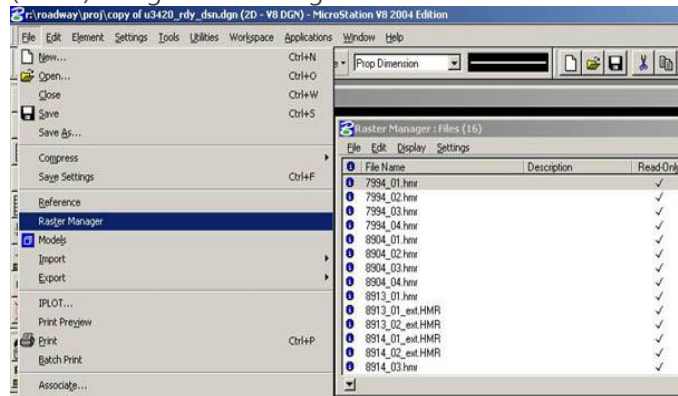
The problem is the conversion of V8 design file base of new global origin setting and microstation system resolution. Apparently all hmr files have two common perpetual properties.

- the x and y coordinates are off by exactly 1 million units (ft or meters)
- the size of each raster is exactly 100 times as small.

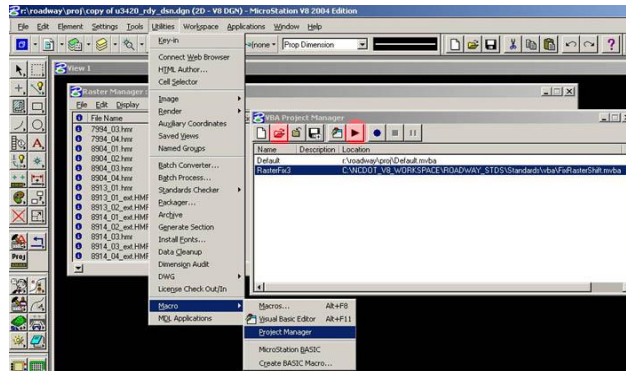
We are not sure why this is but there is a fix. There is a microstation visual basic application (.mvba) provided in your Roadway workspace called "FixRasterShift.mvba" (`\Standards\vb\FixRasterShift.mvba`)

**CAUTION!!! Make a copy of the original dgn files first, because the undo does not work.**

1. In the active dgn file, attach and reference all raster files (hmr's) using raster manager.



2. Select each hmr or all hmr files in the raster manager window.  
3. Click on microstation menu Utilities > Macro > Project Manager.



4. Load the vba program located under  
\Standards\vba\FixRasterShift.mvba
5. Highlight the FixRasterShift.mvba and run the program  
(arrow - 4th tool from the right).
6. The program prompts the designer to okay the shift, hit yes  
to all.

